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Abstract

Particulate labels that can be individually identified comprise particulate supports to which are bound at least two distinguishable signal generating moieties, such as

5 fluorophores emitting at different wavelengths, which signals are detectable and measurable *in situ*. By varying the ratio and/or amounts of the signal generating moieties, a multiplicity of different and distinguishable labels is obtained. Each different label can then be coupled to a different reagent and the individual interactions of each reagent with a target observed in parallel.